

INTERNATIONAL SEARCH REPORT

International application No.

PCT/IB 02/05576

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: H04Q 7/00, G06F 13/00, H04L 29/06

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04Q

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 0156308 A2 (INVERTIX CORPORATION), 2 August 2001 (02.08.01), page 1 - page 3, figures 1-10, abstract --	1,13-15, 27-29,55-58, 77-78,96-97, 109-110
X	WO 0193047 A1 (MOTOROLA, INC.), 6 December 2001 (06.12.01), page 1, line 1 - page 2, line 15, figures 1-6, abstract --	1,13-15, 27-29,55-58, 77-78,96-97, 109-110
X	EP 1130869 A1 (SONY INTERNATIONAL (EUROPE) GMBH), 5 Sept 2001 (05.09.01), page 2, line 1 - page 7, line 31, figures 7-15 --	1,13-15, 27-29,57-58, 78,96-97

☒ Further documents are listed in the continuation of Box C.☒ See patent family annex.

* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention

"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art

"&" document member of the same patent family

Date of the actual completion of the international search

11 June 2003

Date of mailing of the international search report

01-07-2003

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INTERNATIONAL SEARCH REPORT
Information on patent family members

International application No.
PCT/IB 02/05576

Patent document cited in search report			Publication date	Patent family member(s)			Publication date
WO	0156308	A2	02/08/01	AU	3298301	A	07/08/01
				EP	1254573	A	06/11/02
				US	2001034224	A	25/10/01
				US	2002035605	A	21/03/02
				US	2002086672	A	04/07/02
WO	0193047	A1	06/12/01	AU	6971101	A	11/12/01
				BR	0106709	A	07/05/02
				CN	1381002	T	20/11/02
EP	1130869	A1	05/09/01	CN	1317756	A	17/10/01
				JP	2001344200	A	14/12/01
				US	2001025280	A	27/09/01
US	2002165000	A1	07/11/02	NONE			
US	6301609	B1	09/10/01	US	2001051162	A	13/12/01
US	2002035605	A1	21/03/02	WO	02065250	A	22/08/02
				US	2001034224	A	25/10/01
				US	2002086672	A	04/07/02
				AU	3298301	A	07/08/01
				EP	1254573	A	06/11/02
				WO	0156308	A	02/08/01
				US	2002151313	A	17/10/02
				WO	02065736	A	22/08/02
WO	02073332	A2	19/09/02	US	2003028597	A	06/02/03
				US	2003037103	A	20/02/03
				WO	02073461	A	19/09/02
US	2002129103	A1	12/09/02	WO	02073986	A	19/09/02
US	2002126701	A1	12/09/02	AU	1259002	A	21/05/02
				WO	0239692	A	16/05/02

C (Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2002165000 A1 (FOK, K.K.), 7 November 2002 (07.11.02), column 1 - column 2, figures 1-3, abstract --	1,13-15, 27-29,55-58
X	US 6301609 B1 (ARAVAMUDAN, M. ET AL), 9 October 2001 (09.10.01), column 2, line 25 - line 49, figures 4-9 --	29,58
X	US 2002035605 A1 (MCDOWELL, M. ET AL), 21 March 2002 (21.03.02), paragraph [0014] - [0024]; abstract --	1
X	WO 02073332 A2 (NOKIA INC.), 19 Sept 2002 (19.09.02), page 2 - page 3, abstract --	57
Y	US 2002129103 A1 (BIRKLER, J. ET AL), 12 Sept 2002 (12.09.02), paragraph [0005]; figures 1-10; abstract --	1,13-15, 27-29,55-59, 77-78,96-97, 109-110
Y	US 2002126701 A1 (REQUENA, J.C.), 12 Sept 2002 (12.09.02), paragraph [0009] - [0041]; abstract -- -----	1,13-15, 27-29,55-58, 77-78,96-97, 109-110